

1 Abstract

2 A method and apparatus for growing a crystalline or poly-crystalline body from a melt is
3 described, wherein the melt is retained by capillary attachment to edge features of a mesa
4 crucible. The boundary profile of the resulting melt surface results in an effect which induces a
5 ribbon grown from the surface of the melt to grow as a flat body. Further, the size of the melt
6 pool is substantially reduced by bringing these edges close to the ribbon, thereby reducing the
7 materials cost and electric power cost associated with the process.

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